

# Helena C Junqueira

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

979  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1754  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of methylene blue photochemical properties based on adsorption at aqueous micelle interfaces. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2320-2328.	2.8	222
2	Influence of Negatively Charged Interfaces on the Ground and Excited State Properties of Methylene Blue. <i>Photochemistry and Photobiology</i> , 2003, 77, 459.	2.5	155
3	Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids. <i>Journal of the American Chemical Society</i> , 2018, 140, 9606-9615.	13.7	133
4	Membrane changes under oxidative stress: the impact of oxidized lipids. <i>Biophysical Reviews</i> , 2014, 6, 47-61.	3.2	121
5	Lipid oxidation induces structural changes in biomimetic membranes. <i>Soft Matter</i> , 2014, 10, 4241.	2.7	104
6	Photobleaching Efficiency Parallels the Enhancement of Membrane Damage for Porphyrazine Photosensitizers. <i>Journal of the American Chemical Society</i> , 2019, 141, 15547-15556.	13.7	57
7	Urea enhances the photodynamic efficiency of methylene blue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 31-37.	3.8	45
8	Photo-Oxidation of Unilamellar Vesicles by a Lipophilic Pterin: Deciphering Biomembrane Photodamage. <i>Langmuir</i> , 2018, 34, 15578-15586.	3.5	23
9	Influence of Negatively Charged Interfaces on the Ground and Excited State Properties of Methylene Blue. <i>Photochemistry and Photobiology</i> , 2003, 77, 459-468.	2.5	19
10	Membrane damage by betulinic acid provides insights into cellular aging. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3129-3143.	2.4	19
11	Lipofuscin in keratinocytes: Production, properties, and consequences of the photosensitization with visible light. <i>Free Radical Biology and Medicine</i> , 2020, 160, 277-292.	2.9	17
12	Bis(aryl)selenadiazoles: Synthesis, Photophysical, Electrochemical and Singlet Oxygen Generation Properties. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6507-6514.	2.4	13
13	Light-Driven Horseradish Peroxidase Cycle by Using Photo-activated Methylene Blue as the Reducing Agent. <i>Photochemistry and Photobiology</i> , 2007, 83, 1254-1262.	2.5	12
14	Molecular organization in hydroperoxidized POPC bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183659.	2.6	12
15	Permeability of DOPC bilayers under photoinduced oxidation: Sensitivity to photosensitizer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2366-2373.	2.6	11
16	Alkylation of a hydrophilic photosensitizer enhances the contact-dependent photo-induced oxidation of phospholipid membranes. <i>Dyes and Pigments</i> , 2021, 187, 109131.	3.7	9
17	Fluorescent and Photosensitizing Conjugates of Cell-Penetrating Peptide TAT(47-57): Design, Microwave-Assisted Synthesis at 60 °C, and Properties. <i>ACS Omega</i> , 2017, 2, 8156-8166.	3.5	7
18	Photosensitization Mechanism in Lipid Membranes: The Role of Hydroperoxide Lipids. <i>Biophysical Journal</i> , 2012, 102, 198a.	0.5	0